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adobe pagemaker	4

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EPO Abstracts Database	
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IBM Technical Disclosure Bulletins	▼

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USPT	adobe pagemaker	4	<u>L16</u>
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USPT	adobe systems corporation./as.	0	<u>L13</u>
USPT	adobe systems corporation/as.	0	<u>L12</u>
EPAB	adobe systems corporation/as.	0	<u>L11</u>
EPAB	adobe corporation/as	0	<u>L10</u>
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EPAB	adobe systems /as	0	<u>L8</u>
EPAB	adobe systems inc/as	0	<u>L7</u>
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USPT,JPAB,EPAB,DWPI,TDBD	14 and print same format	1	<u>L5</u>
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USPT,JPAB,EPAB,DWPI,TDBD ((345/\$)!.CCLS.)	and desktop publishing	200	<u>L2</u>
USPT	((345/\$)!.CCLS.) and desktop publishing	200	<u>L1</u>

WEST**Generate Collection****Search Results - Record(s) 1 through 4 of 4 returned.**☐ 1. Document ID: US 6006236 A

L10: Entry 1 of 4

File: USPT

Dec 21, 1999

US-PAT-NO: 6006236

DOCUMENT-IDENTIFIER: US 6006236 A

TITLE: Virtual navigator that produces virtual links at run time for identifying links in an electronic file

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Young; Jeffrey E.	San Jose	CA	N/A	N/A

ASSIGNEE INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Adobe Systems Incorporated	San Jose	CA	N/A	N/A	02

APPL-NO: 8/ 995313

DATE FILED: December 22, 1997

INT-CL: [6] G06F 17/30

US-CL-ISSUED: 707/103

US-CL-CURRENT: 707/103R

FIELD-OF-SEARCH: 707/1-5, 707/10, 707/100-104, 707/200-206, 345/356, 345/357, 345/134, 345/132, 395/200.33, 395/200.52, 364/131, 364/132, 364/221.9, 364/222, 364/228, 364/229, 364/139

REF-CITED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>5877766</u>	March 1999	Bates et al.	345/357

ART-UNIT: 271

PRIMARY-EXAMINER: Ho; Ruay Lian

ATTY-AGENT-FIRM: Fish & Richardson P.C.

ABSTRACT:

A method and apparatus for identifying links in an electronic document provides an electronic file as a data structure having components and having base links that define the structural relationship between the components, traverses the data structure using the base links, and produces a virtual link between two components by recognizing a characteristic shared by the components. The virtual link is identified when needed at run-time. A function may be performed using the components as components are identified.

21 Claims, 7 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☒ 2. Document ID: JP 11250107 A

L10: Entry 2 of 4

File: JPAB

Sep 17, 1999

PUB-NO: JP411250107A
DOCUMENT-IDENTIFIER: JP 11250107 A
TITLE: VIRTUAL NAVIGATION

PUBN-DATE: September 17, 1999

INVENTOR-INFORMATION:

NAME

YOUNG, JEFFREY E

COUNTRY

N/A

ASSIGNEE-INFORMATION:

NAME

ADOBE SYST INC

COUNTRY

N/A

APPL-NO: JP10363460

APPL-DATE: December 21, 1998

INT-CL (IPC): G06F 17/30; G06F 17/27; G06F 17/21

ABSTRACT:

PROBLEM TO BE SOLVED: To improve a method for identifying a link in an electronic document by traversing a data structure through the use of a base link and recognizing a characteristic shared by components so as to generate a virtual link between components within the data structure.

SOLUTION: An electronic document publishing system 101 uses a base link for identifying the correlation of all the components in a hierarchical structure. The system 101 searches a specific component within a data structure by using a virtual navigator 102. The system 101 gives the navigator 102 to a component of each type requiring to be discriminated, namely identified. The navigator 102 uses the base link of hierarchical data structure or a viral link given by some other virtual navigator and recognizes a common characteristic used in common by a pair of components to recognize a pair of the components.

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☒ 3. Document ID: US 5963641 A

L10: Entry 3 of 4

File: DWPI

Oct 5, 1999

DERWENT-ACC-NO: 1999-618705
DERWENT-WEEK: 199953
COPYRIGHT 2000 DERWENT INFORMATION LTD

TITLE: Electronic document verifying system in electronic document publishing

INVENTOR: CRANDALL, R; MARCHESE, P G

PATENT-ASSIGNEE:

ASSIGNEE

CODE

MARKZWARE INC

MARKN

PRIORITY-DATA:

1995US-0526554

September 12, 1995

1997US-0977928

November 24, 1997

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5963641 A	October 5, 1999	N/A	007	H04L009/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	APPL-DESCRIPTOR
US 5963641A	September 12, 1995	1995US-0526554	Cont of
US 5963641A	November 24, 1997	1997US-0977928	N/A

INT-CL (IPC): G09C 3/00; H04L 9/00

ABSTRACTED-PUB-NO: US 5963641A
BASIC-ABSTRACT:

NOVELTY - Preferences are set beforehand for the font characteristics and for document graphic element formats. The font and graphic element formats are identified from the extracted document. The preset data and extracted data are compared and stored in memory of digital computer (101) based on which inconsistencies in the document are detected.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for electronic document verification method.

USE - In field of electronic document publishing. For examining verifying, correcting an approving electronically recorded documents prior to printing, transmission or recording.

ADVANTAGE - User is alerted for any printing, transmission or recording problem as inconsistencies in document is detected prior to printing. Substantial saving in time and resources is offered by providing a comprehensive set of features and performance in a single application.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the document verification apparatus.

Digital computer 101

ABSTRACTED-PUB-NO: US 5963641A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.2/2

DERWENT-CLASS: P85 T01
EPI-CODES: T01-J11A; T01-J11B;

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 4. Document ID: US 5890170 A

L10: Entry 4 of 4

File: DWPI

Mar 30, 1999

DERWENT-ACC-NO: 1999-243520
DERWENT-WEEK: 199920
COPYRIGHT 2000 DERWENT INFORMATION LTD

TITLE: Electronic document publishing method in HTTP network environment

INVENTOR: SIDANA, A S

PATENT-ASSIGNEE:

ASSIGNEE

CODE

SILICON GRAPHICS INC

SILIN

PRIORITY-DATA:

1996US-0608111

February 28, 1996

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

US 5890170 A

March 30, 1999

N/A

022

G06T011/00

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

APPL-DESCRIPTOR

US 5890170A

February 28, 1996

1996US-0608111

N/A

INT-CL (IPC): G06T 11/00

ABSTRACTED-PUB-NO: US 5890170A

BASIC-ABSTRACT:

NOVELTY - Home page document template is generated. On detecting that a user dragged and dropped a displayed file icon onto a second displayed icon representing a publishing request, a link is automatically created to current document in template and the document is published.

DETAILED DESCRIPTION - Template generation includes encoding information in home page for accessing one file directory and using encoded information to generate hypertextual links to one referenced file in the designated file directory. The second icon is a drop pocket icon for effecting link to one document, icon representing a directory in which document to be published are stored, or icon representing a method for electronically publishing one document in a computer network environment. Prior to publication of document, it is detected that the user has clicked on a button on the display and a directory including the document to be published is displayed.

USE - For publication of document on the web by uninitiated user.

ADVANTAGE - Enables server to locate user's home page without requiring user to know the processing involved.

DESCRIPTION OF DRAWING(S) - The drawing shows the windows displayed during the software operation, before information is added to home page.

ABSTRACTED-PUB-NO: US 5890170A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.8/13

DERWENT-CLASS: T01

EPI-CODES: T01-H07C5E; T01-J11C1; T01-J12D;

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Clip Img	Image
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A document preparation paradigm based on the specification method of layout structure

- Watanabe, T.; Uda, A.; Sugie, N.

Dept. of Inf. Eng., Nagoya Univ., Japan

This paper appears in: TENCON '94. IEEE Region 10's Ninth Annual International Conference. Theme: Frontiers of Computer Technology. Proceedings of 1994

On page(s): 887 - 891 vol.2

22-26 Aug. 1994

1994

ISBN: 0-7803-1862-5

IEEE Catalog Number: 94CH3417-3

Number of Pages: 2 vol. xxvii+1111

References Cited: 10

INSPEC Accession Number: 4847798

Abstract:

The document preparation facility is one of the most important functionalities in various types of information systems. Now that high-density laser printers are commonly provided and various kinds of jobs are effectively computerized, electronic and paper documents related to desktop publishing are easily composed by computers. Document preparation tools/systems (or formatters) that are currently utilized embed the text layout control data into the source text data. These traditional formatters are not always successful because the task of embedding layout control data into the source text data is very troublesome and difficult: such a framework lacks flexibility, adaptability and applicability. Our approach enables a layout-independent document preparation mechanism, because the original text data are separated from the layout control data; the layout structure information is specified externally by a format definition language. In this paper, we discuss the concept and framework of our document preparation facility, and also show a prototype system.

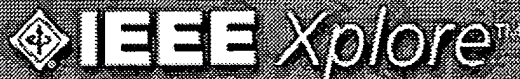
Index Terms:

desktop publishing; data preparation; page description languages; document handling; layout-independent document preparation mechanism; layout structure specification method; high-density laser printers; electronic documents; paper documents; desktop publishing; text formatters; text layout control data; source text data; flexibility; adaptability; applicability; format definition language; document preparation facility

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1 When your PDM/EDM/KM gets on top of you! [product data management/electronic document management/knowledge management]

O'Meara, D.

PDM Implementation - Pains and Gains (Ref. No. 2000/054), IEE Seminar , 2000

Page(s): 1/1 -1/5

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

2 From WYSIWYG to WYSIWIS: research on CSCW based CAD

He Fa-Zhi; Wan Shao-Mei; Sun Guo-Zheng

Communications, 1999. APCC/OECC '99. Fifth Asia-Pacific Conference on ... and Fourt Optoelectronics and Communications Conference , Volume: 2 , 1999

Page(s): 1095 -1096 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

3 XML documents production for an electronic platform of requests for proposals

Bapst, F.; Vanoirbeek, C.

Reliable Distributed Systems, 1999. Proceedings of the 18th IEEE Symposium on , 1999

Page(s): 330 -335

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

4 ZPL's WYSIWYG performance model

Chamberlain, B.L.; Lin, C.; Sung-Eun Choi; Snyder, L.; Lewis, E.C.; Weathersby, W.D

High-Level Parallel Programming Models and Supportive Environments, 1998. Proceedings. Third International Workshop on , 1998

Page(s): 50 -61

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5 Multiviews interfaces for multimedia authoring environments

Jourdan, M.; Roisin, C.; Tardif, L.

Multimedia Modeling, 1998. MMM '98. Proceedings. 1998 , 1998

Page(s): 72 -79

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6 Usability requirements as specification constraints: an example of WYSIWY

Roast, C.R.; Siddiqi, J.I.

Software Engineering. IEE Proceedings , Volume: 144 Issue: 2 , April 1997

Page(s): 101 -110

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7 WYSIWYG colour generating system development

Byoung-Ho Kang; Jin-Seo Kim; Chang-Rak Yoon; Maeng-Sub Cho

Systems, Man, and Cybernetics, 1997. Computational Cybernetics and Simulation., 1997 IEEE International Conference on , Volume: 2 , 1997

Page(s): 1396 -1400 vol.2

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8 Problems with styles in word processing: a weak foundation for electronic publishing with SGML

Sorgaard, P.; Sandahl, T.I.

System Sciences, 1997, Proceedings of the Thirtieth Hawaii International Conference on , Volume: 6 , 1997

Page(s): 137 -146 vol.6

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9 Authoring MHEG presentations with GLASS-Studio

Leidig, T.; Rosch, P.

Multimedia Software Development, 1996. Proceedings., International Workshop on , 1996

Page(s): 150 -158

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10 A system for semiconductor process specification

Durbeck, D.; Jue-Hsien Chern; Boning, D.S.

Semiconductor Manufacturing, IEEE Transactions on , Volume: 6 Issue: 4 , Nov. 1993

Page(s): 297 -305

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11 Some ergonomic improvements of text error detection and prevention in DTP-systems

Backmutsky, V.; Zmudikov, V.

Document Analysis and Recognition, 1993., Proceedings of the Second International Conference on , 1993

Page(s): 947 -950

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12 Lilac: a two-view document editor

Brooks, K.P.

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The visual development of documents

- Martin, M.

New Mexico State Univ., Albuquerque, NM, USA

This paper appears in: Professional Communication Conference, 1988. IPCC '88 Conference Record. On the Edge: A Pacific Rim Conference on Professional Technical Communication., International

On page(s): 7 - 10

5-7 Oct. 1988

1988

Number of Pages: xx+383

References Cited: 4

INSPEC Accession Number: 3349784

Abstract:

Information processing theory is applied to documents to analyze the visual processing the page. Research on readers' perceptions of graphic characteristics and spatial organization is examined. A method is presented that increases the efficiency of developing and using a document by applying information processing principles and research on perception. It is concluded that, by applying principles of information theory, the semiology of graphic characteristics, and reader's spatial perception of the page, the desktop publisher can develop visually efficient documents, improving not only the reader's comprehension of the document but also the document development process.

Index Terms:

reader perceptions; information processing theory; visual development; documents; graphic characteristics; spatial organization; information theory; semiology; desktop publisher; visually efficient documents; document development process; business graphics; desktop publishing; human factors; information theory; technical presentation visual perception

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